

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. David Barnes (47,407) on Thursday, March 29, 2007.

The application has been amended as follows:

CM 5-1-07

In claim 1, line <sup>4</sup>5, "equipped" has been replaced by --configured--

In claim 2, line 2, "equipped" has been replaced by --configured--

In claim 4, line 2, "equipped" has been replaced by --configured--

In claim 5, line 2, "equipped" has been replaced by --configured--

In claim 6, line 2, "equipped" has been replaced by --configured--

### *Allowable Subject Matter*

3. Claims 1-10 are allowed.

4. The following is an examiner's statement of reasons for allowance:

5. As per claim 1 and dependent claims 2-9, the examiner found no reference in the prior art that disclosed or made obvious a data processing device configured to reconstruct, from measurement data, a model propagation of a medium within a vessel system in such a way that for the vessel system, the difference between an observed propagation and the model propagation is minimal and the model propagation is monotonously progressive and including all limitations as recited in independent claim 1.